

5 **SYSTEM, METHOD AND APPARATUS FOR PREPARING
 A TABLE FOR A CELL SCHEDULER**

ABSTRACT

10 Methods, apparatuses and systems for populating a data structure
 having a maximum number of entries represented by N , having L entries already
 entered into the data structure, and where N is equal to two to the power x . The
 methods, apparatuses and systems include swapping x bits of a binary
 representation of L and using a value obtained by the swapping as an index for a
 new entry.